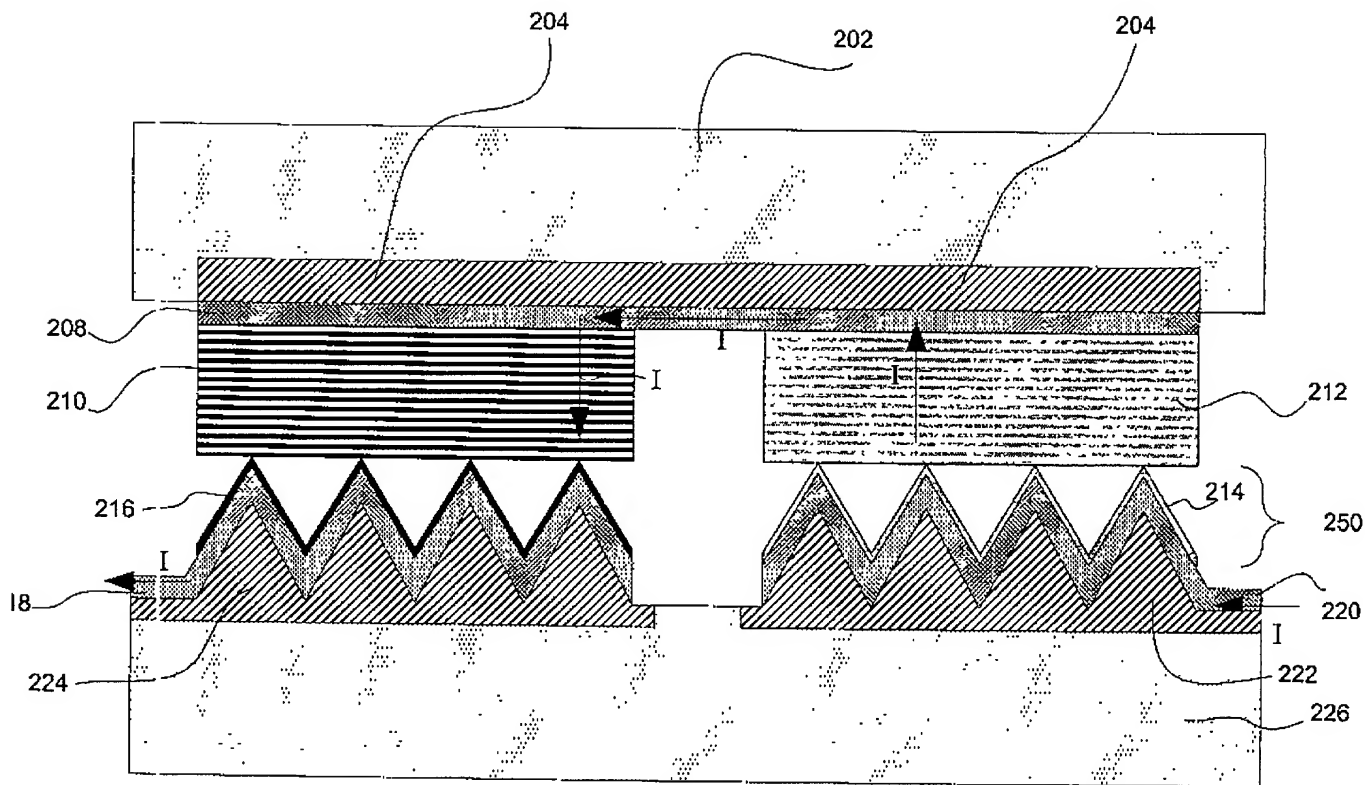


100

Figure 1

Ghoshal
 AUS920010314US1
 Integrated Quantum Cold Point Coolers
 Page 1 of 19
 (Prior Art)

FIG. 2

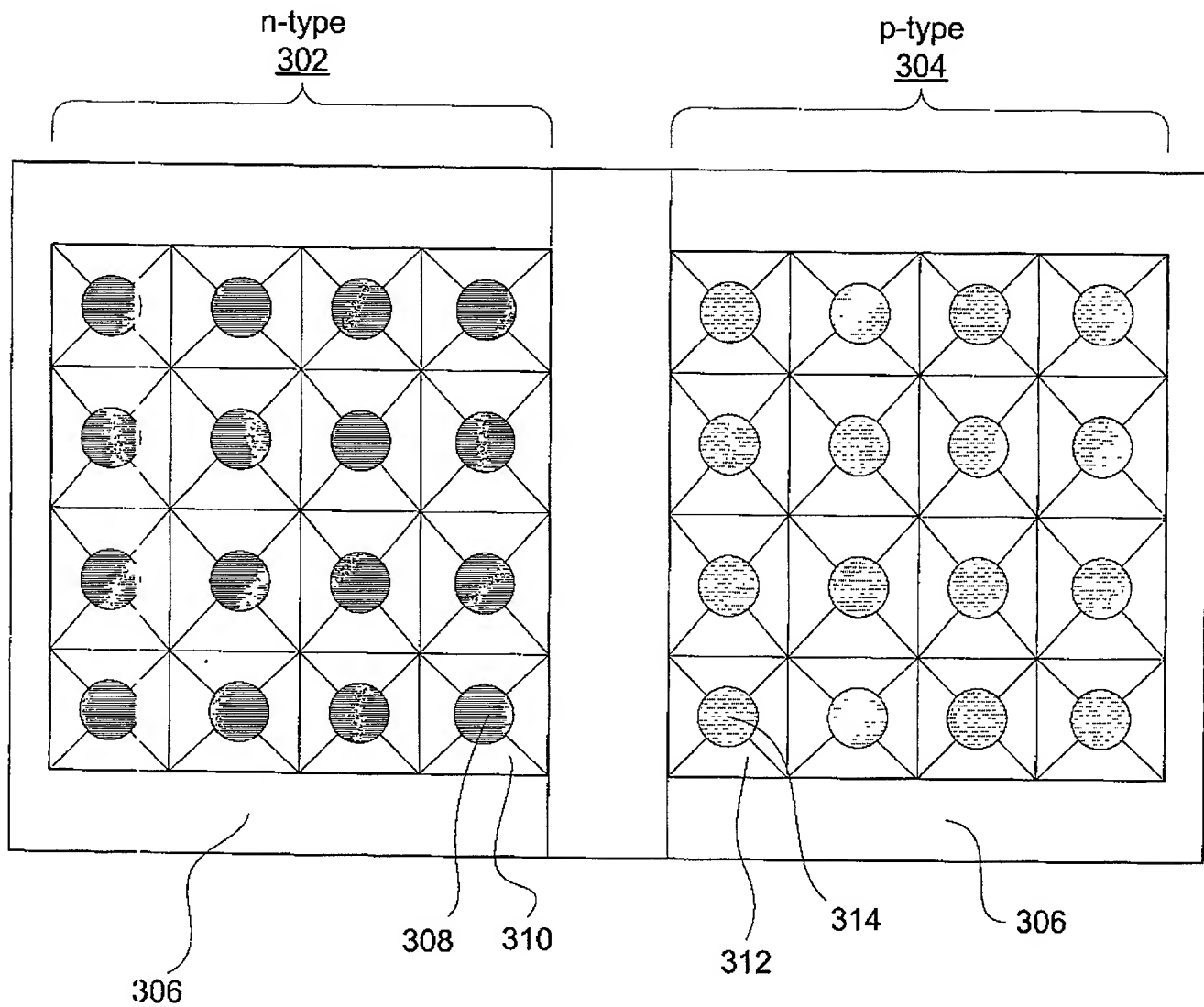


200
Thermoelectric Cooler

Figure 2

Ghoshal
AUS920010314US1
Integrated Quantum Cold Point
Coolers
Page 2 of 19

FIG. 3



300
Figure 3

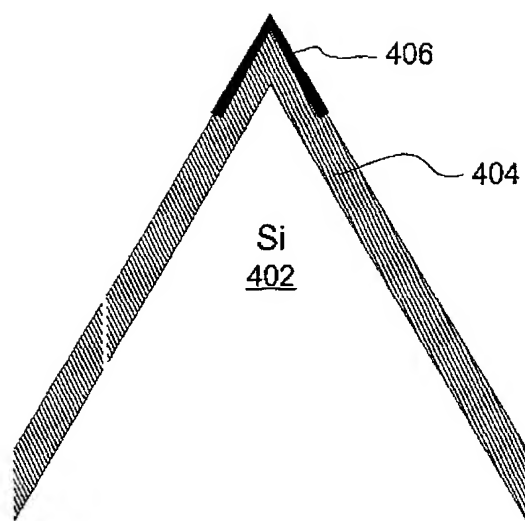


Figure 4A
AUS920010314US1

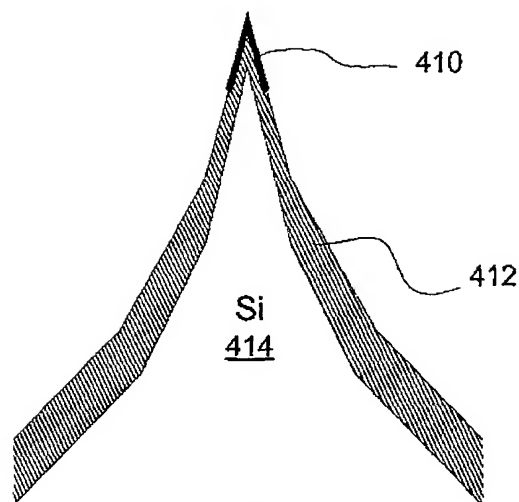


Figure 4B
AUS920020314US1

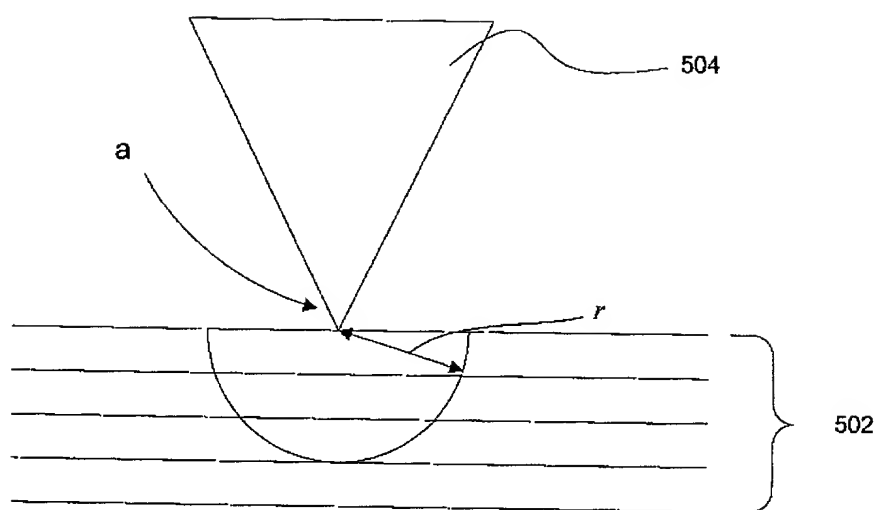
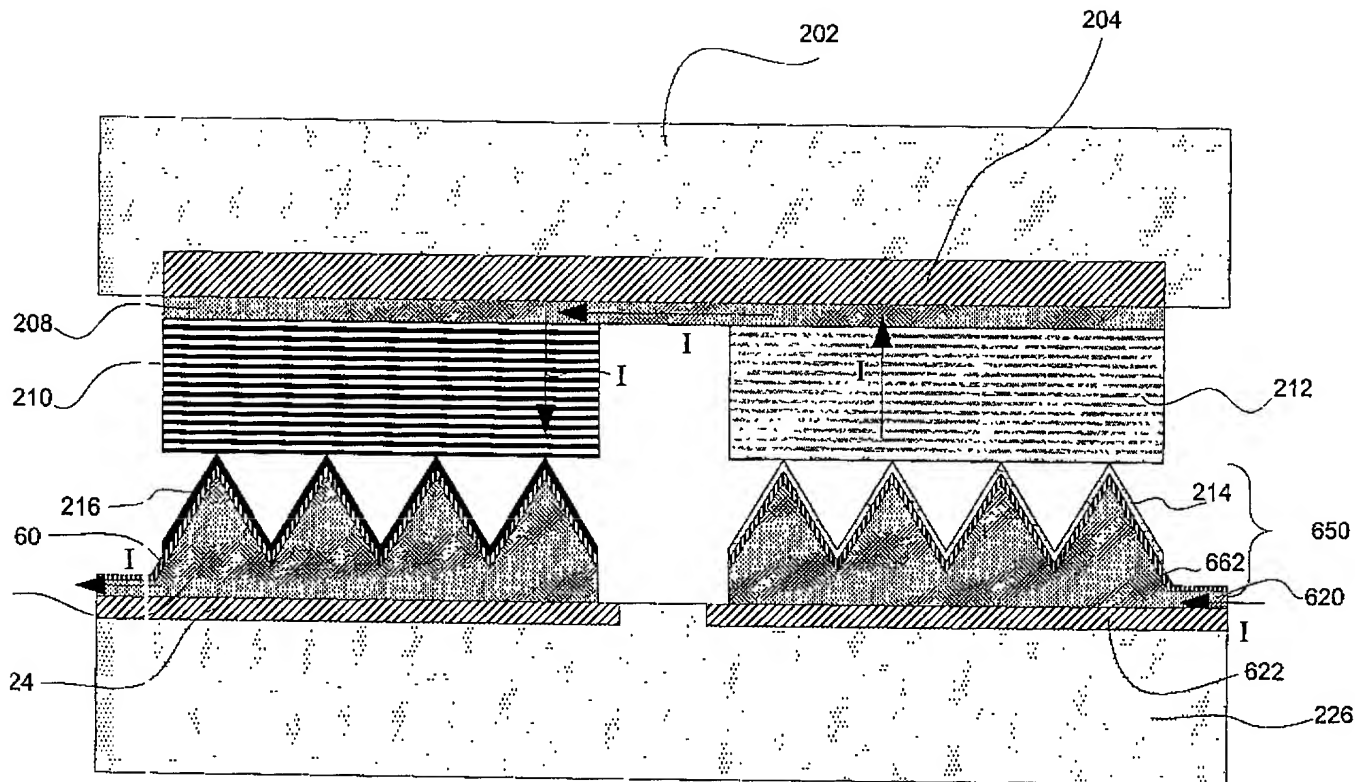
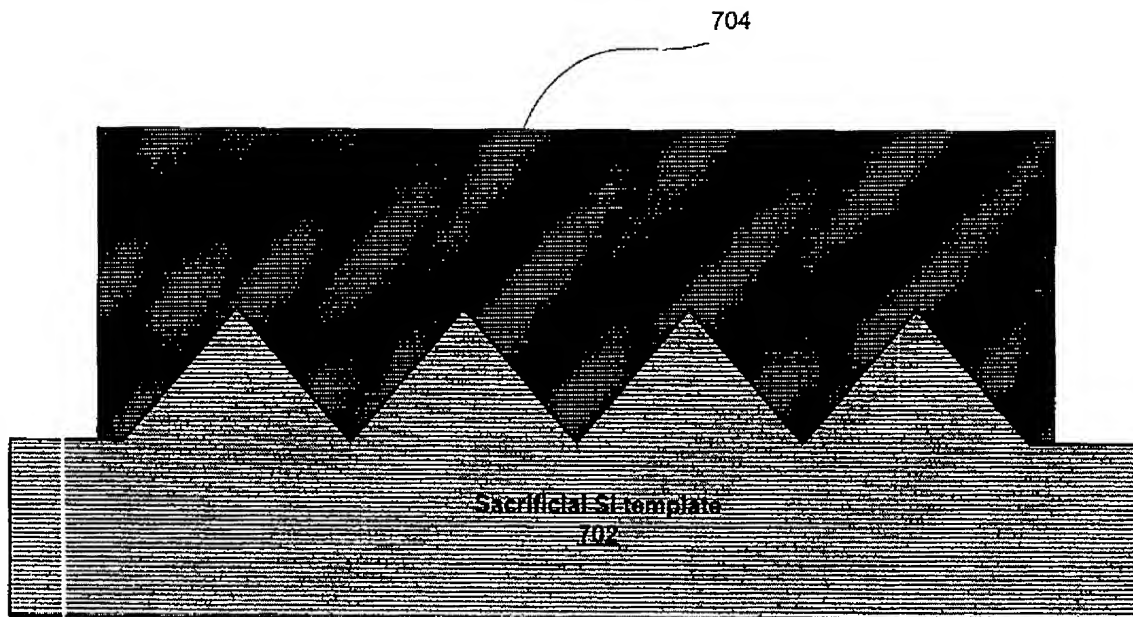


Figure 5

Ghoshal
AUS920010314US1
Integrated Quantum Cold Point
Coolers
Page 5 of 19



600
Thermoelectric Cooler
Figure 6
Ghoshal
AUS920010314US1
Integrated Quantum Cold Point Coolers
Page 6 of 19



Inverse Templates

Figure 7

Ghoshal
AUS920010314US1
Integrated Quantum Cold Point Coolers
Page 7 of 19

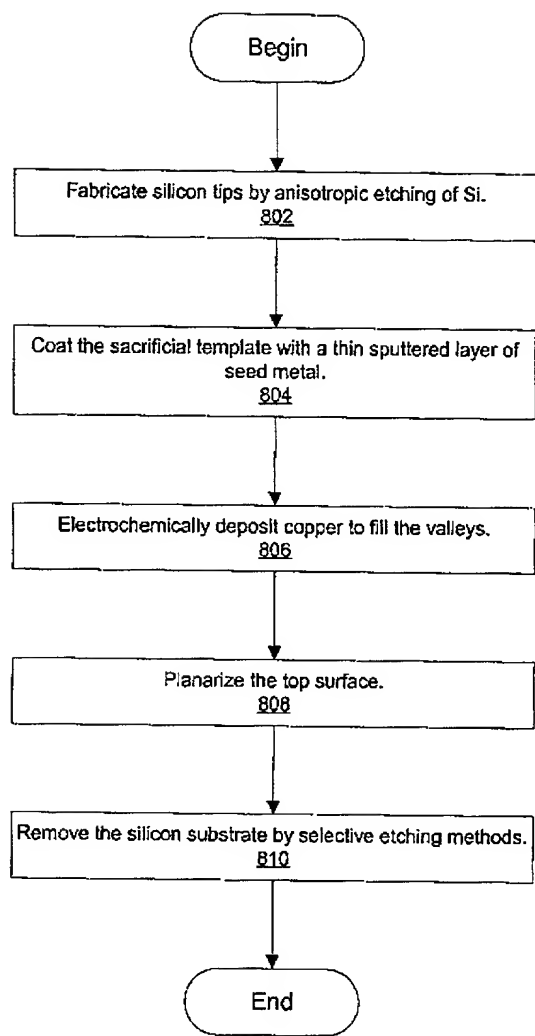
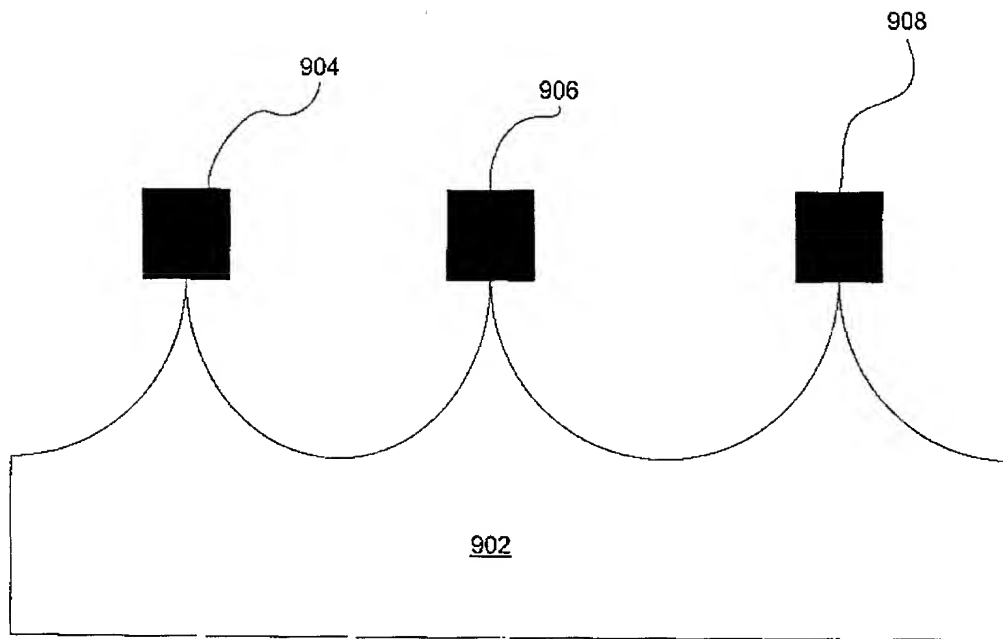


Figure 8



Electrochemical etching of patterned copper

Figure 9

Ghoshal
AUS920010314US1
Integrated Quantum Cold Point Coolers
Page 9 of 19

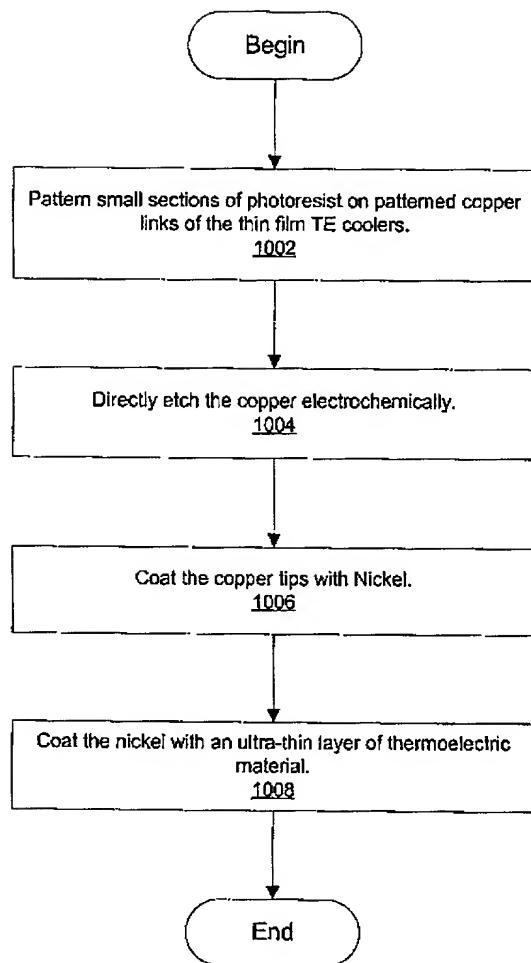


Figure 10

FIG. 11

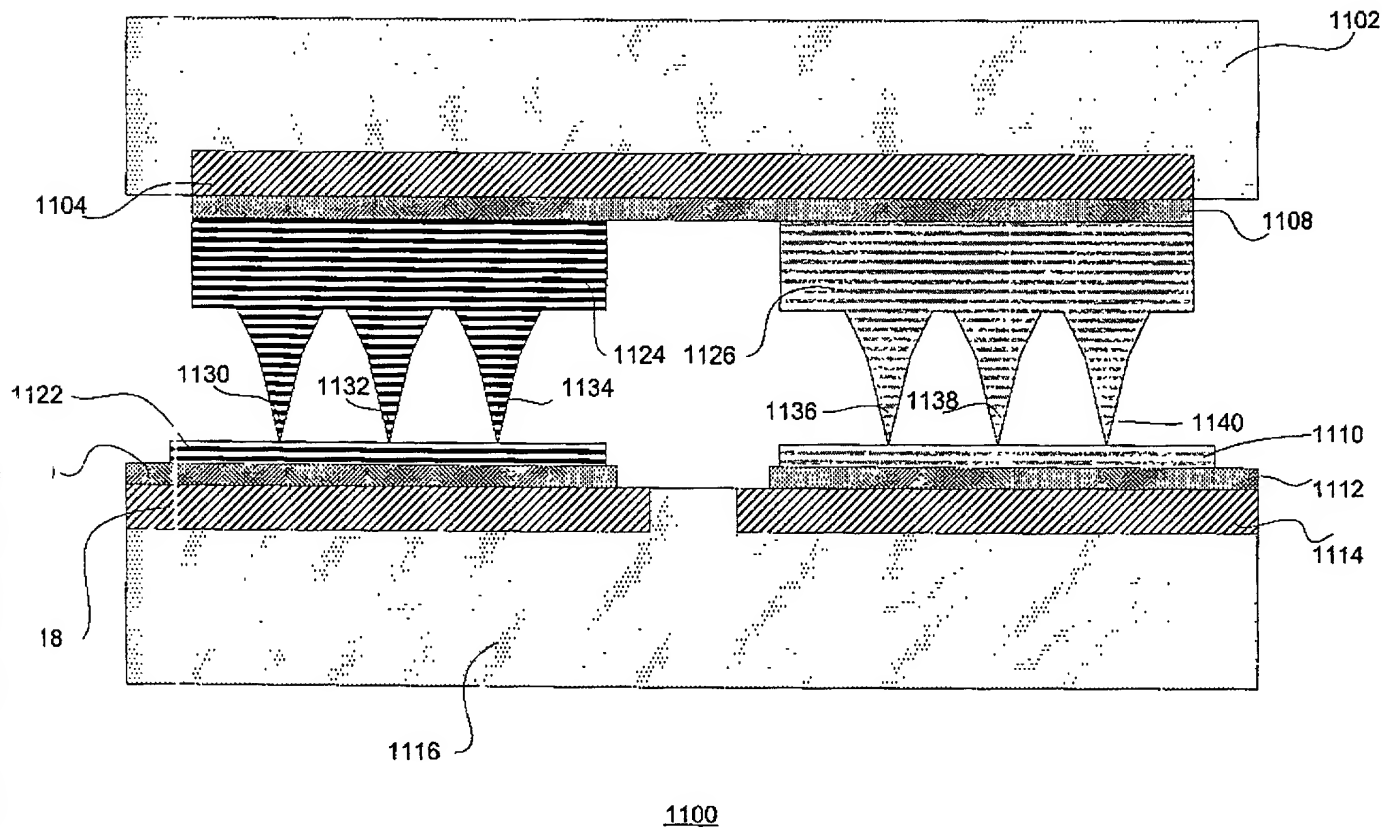


Figure 11

Ghoshal
AUS920010314US1
Integrated Quantum Cold Point Coolers
Page 11 of 19

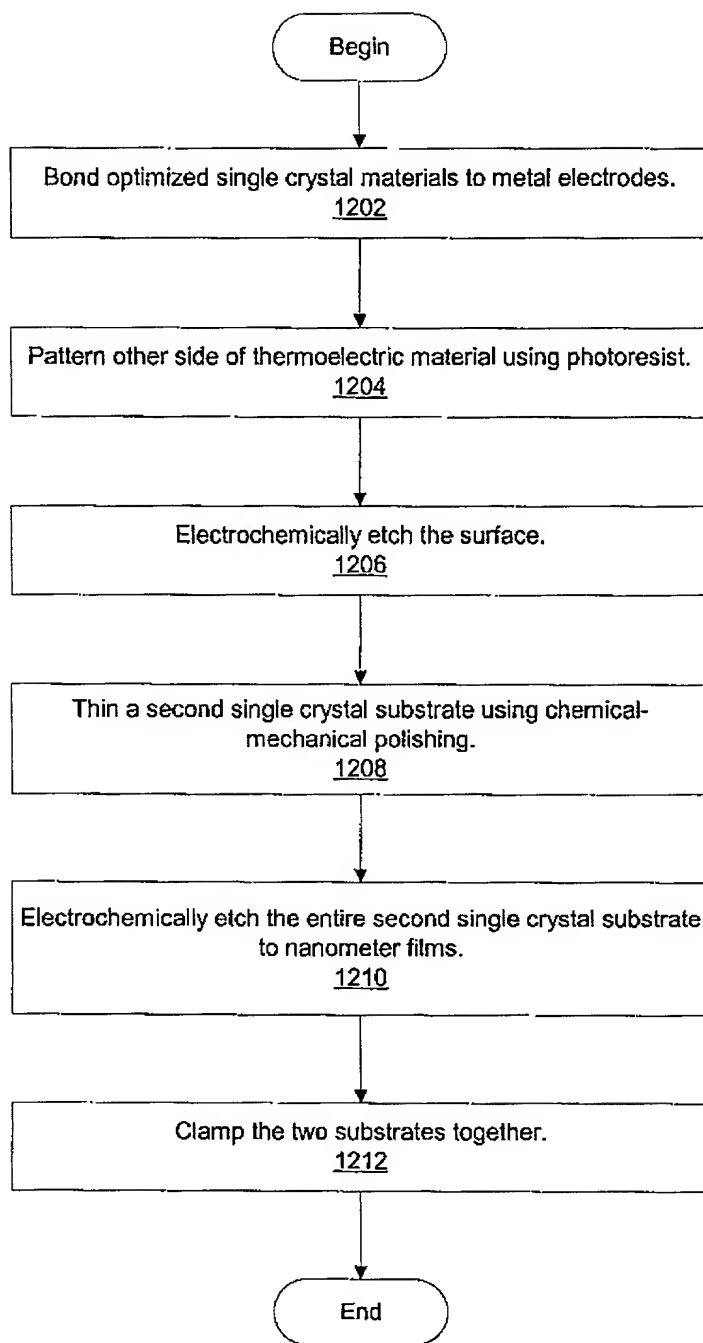


Figure 12

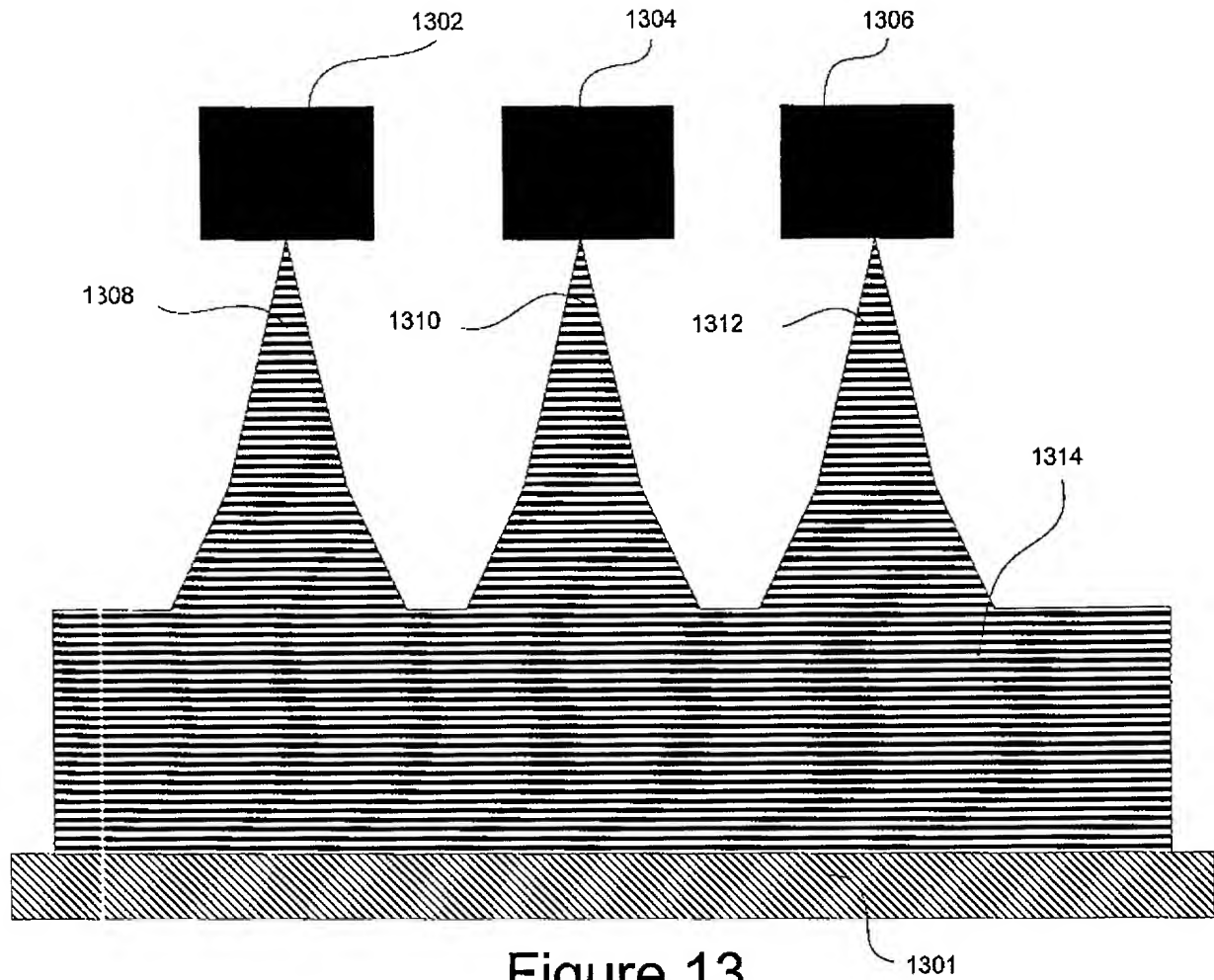


Figure 13

Ghoshal
 AUS920010314US1
 Integrated Quantum Cold Point Coolers
 Page 13 of 19

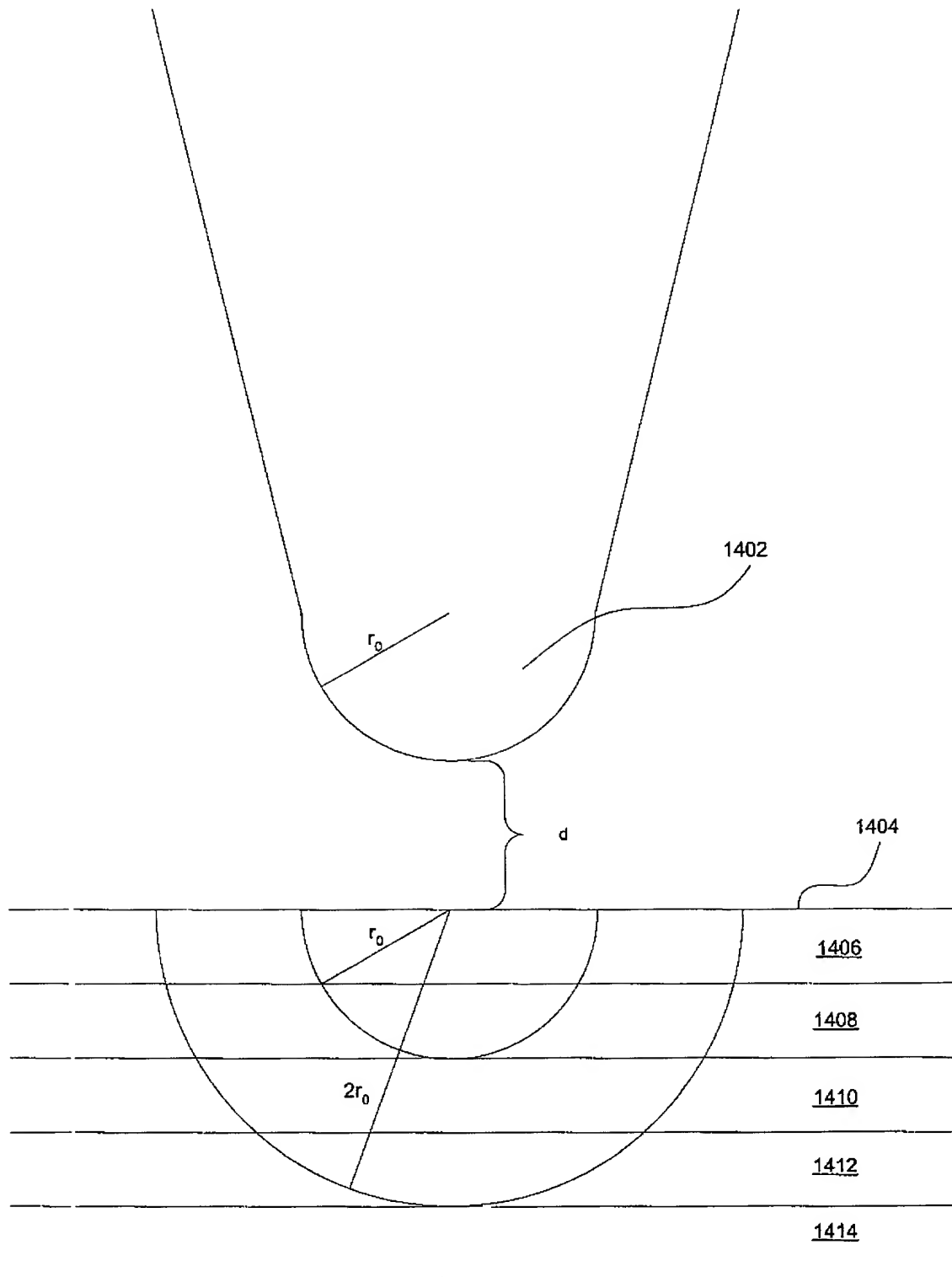
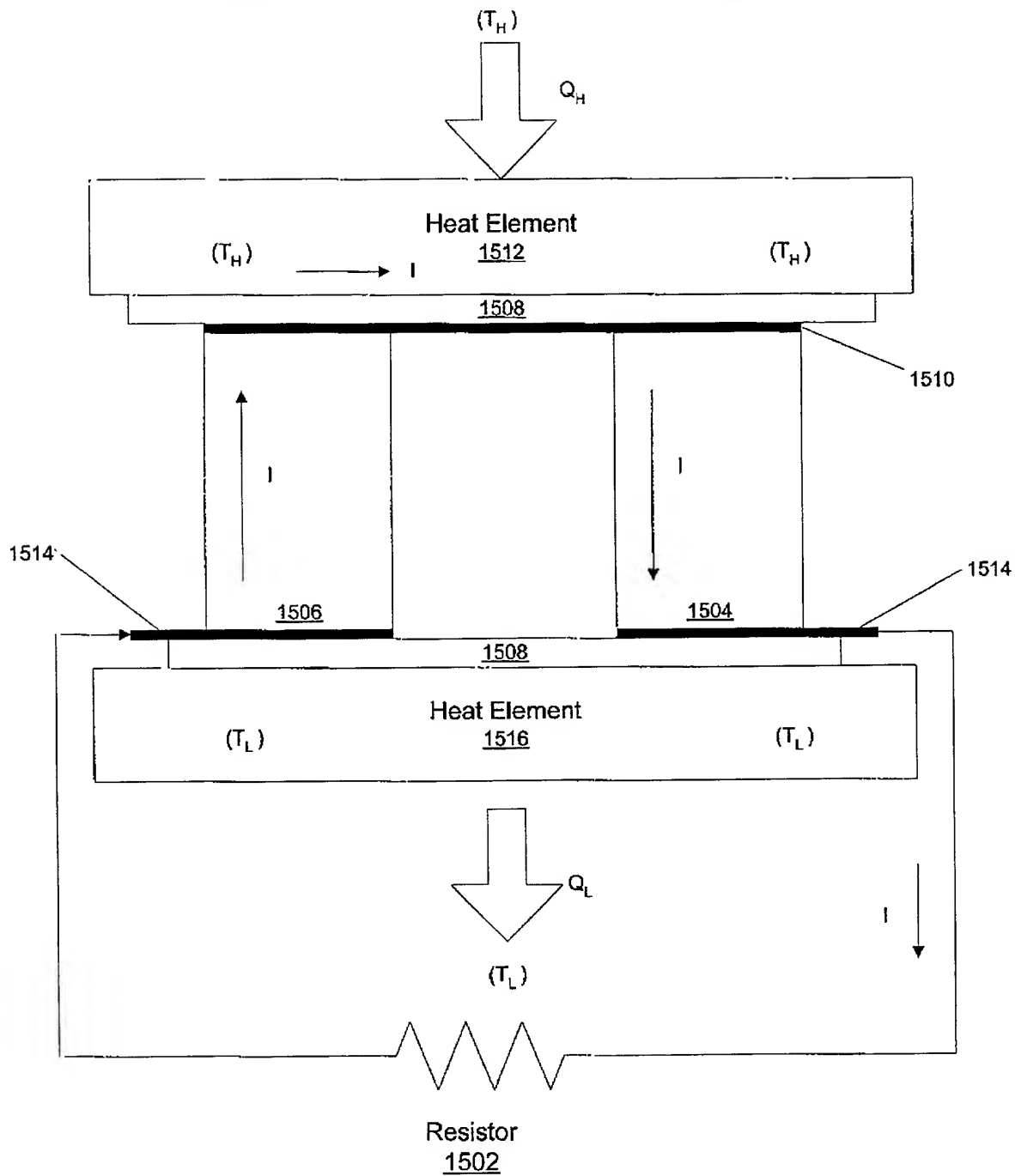


Figure 14



1500
Figure 15

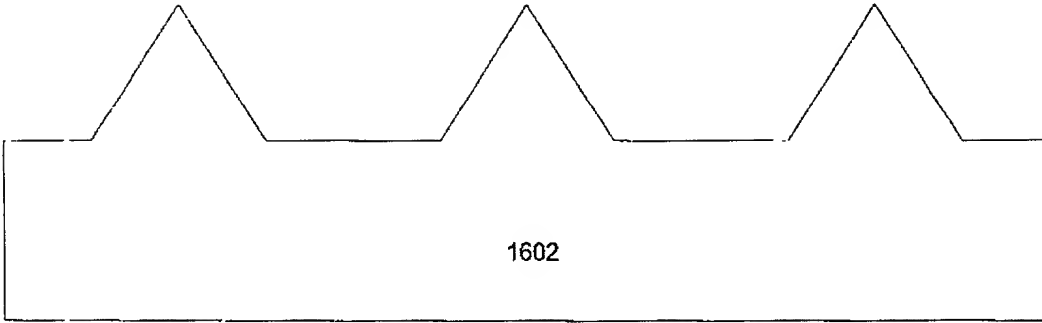


Figure 16A

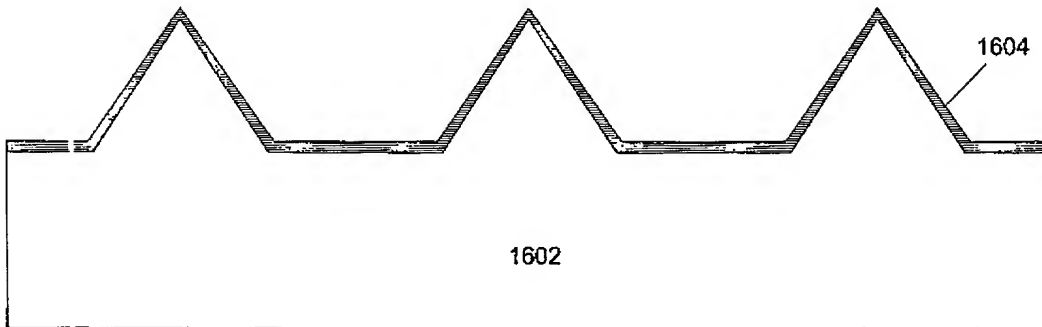


Figure 16B

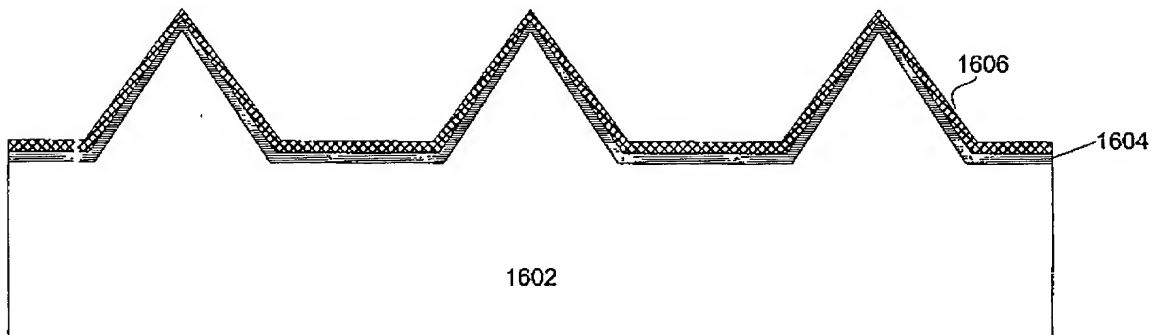


Figure 16C

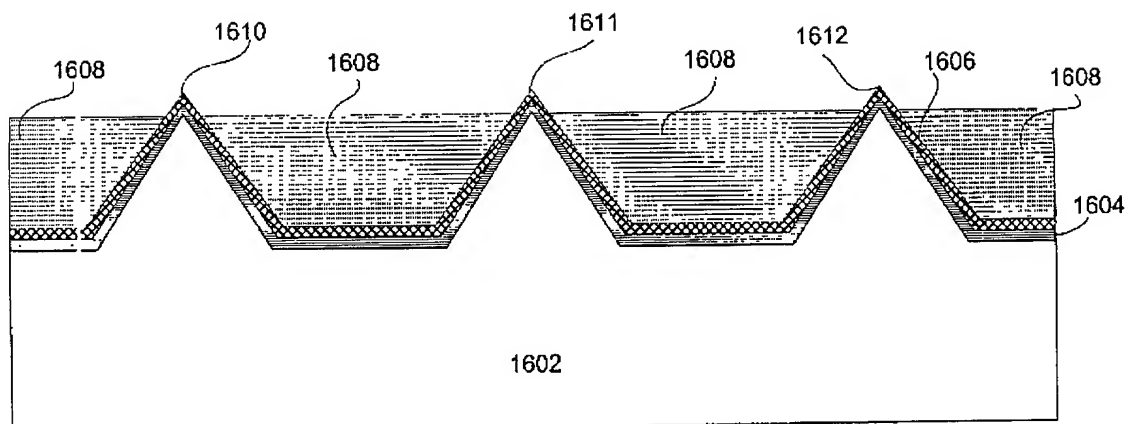


Figure 16D

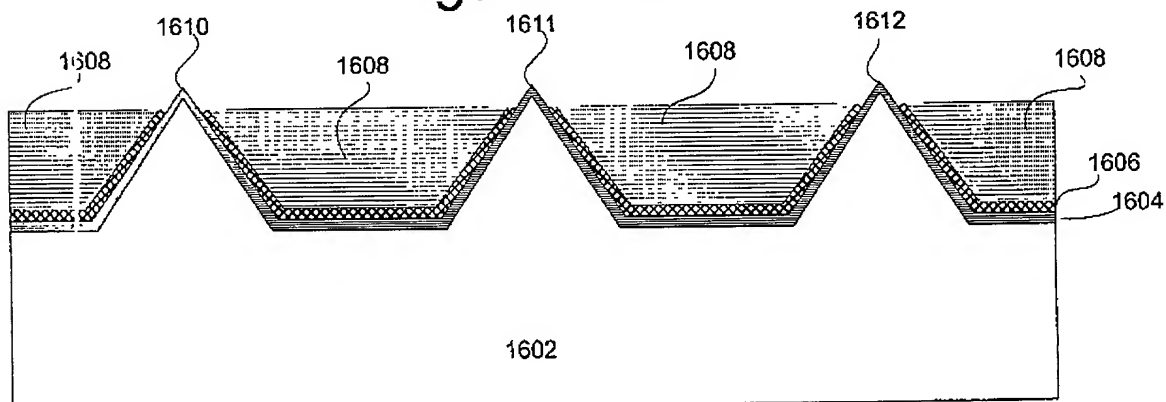


Figure 16E

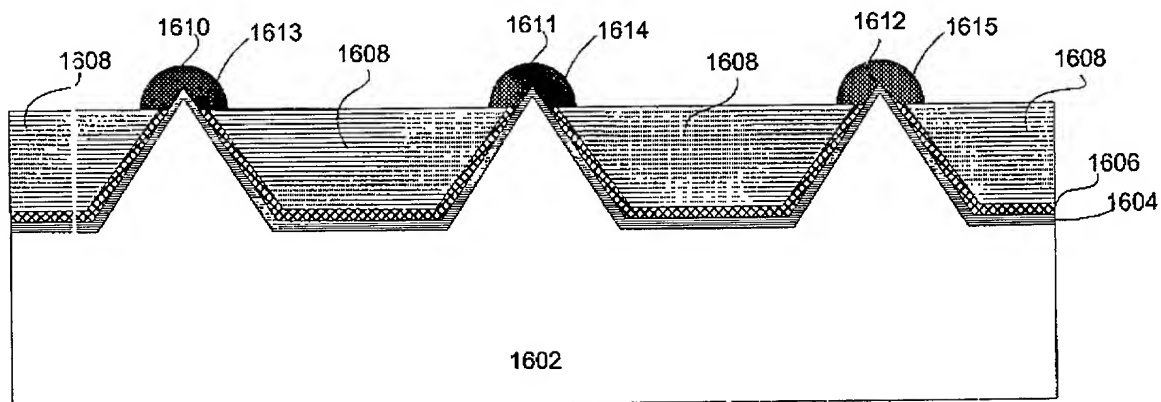


Figure 16F

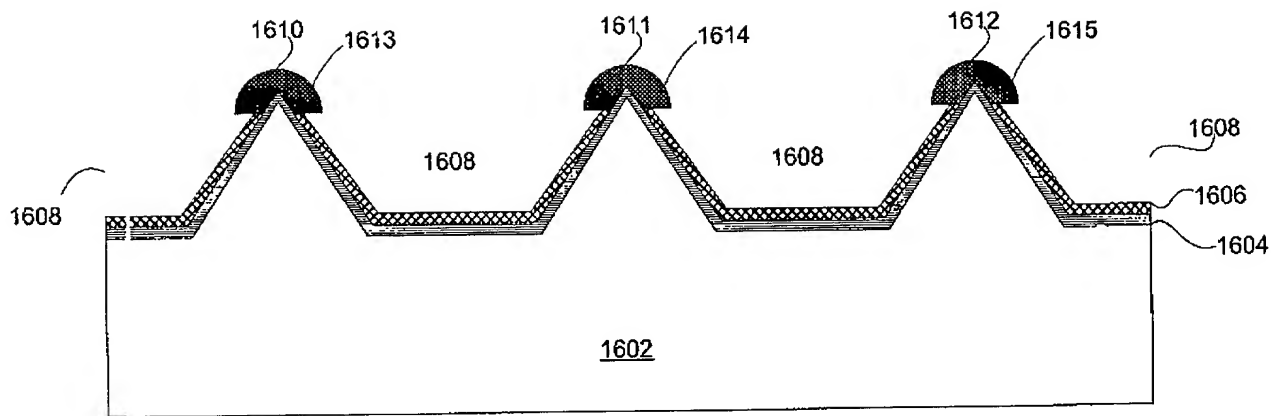


Figure 16G

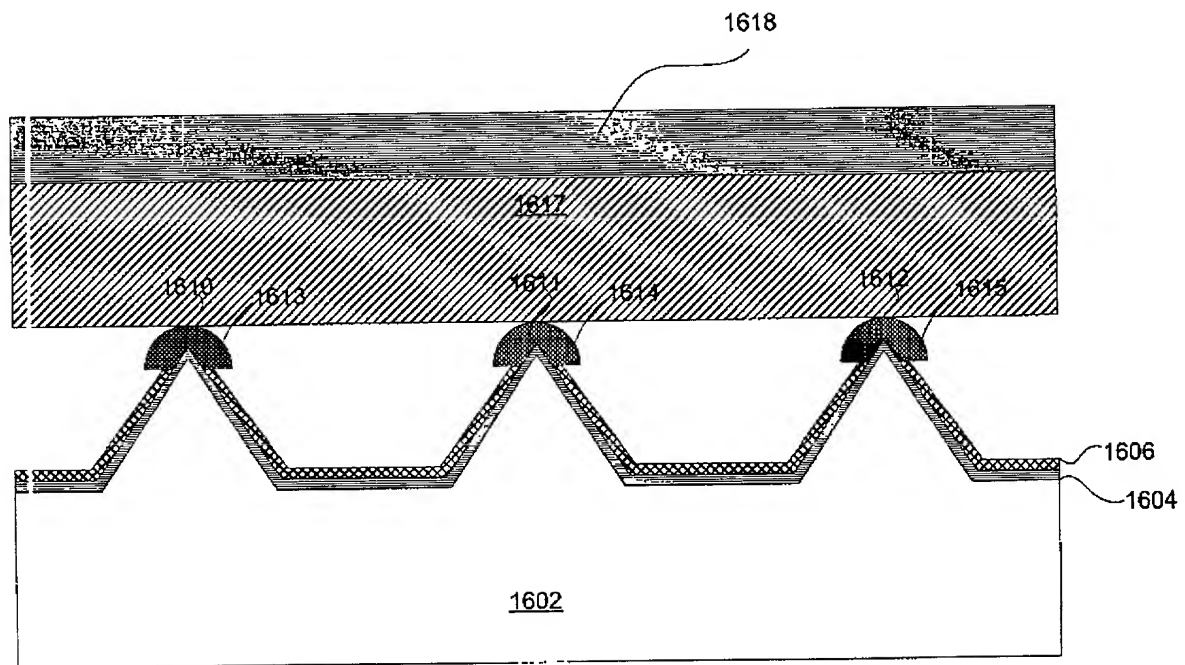


Figure 16H

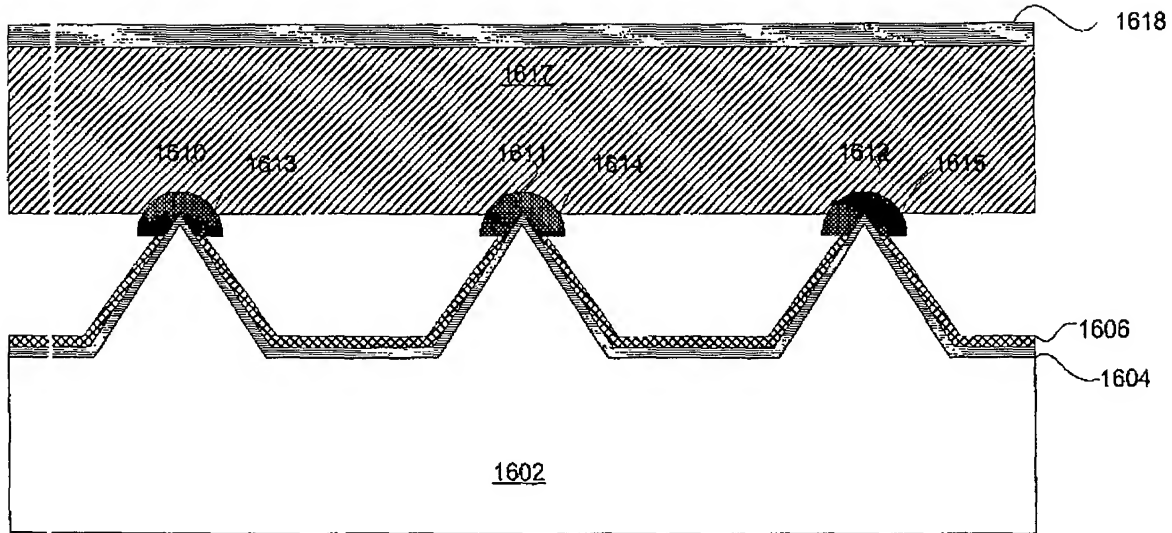


Figure 16I

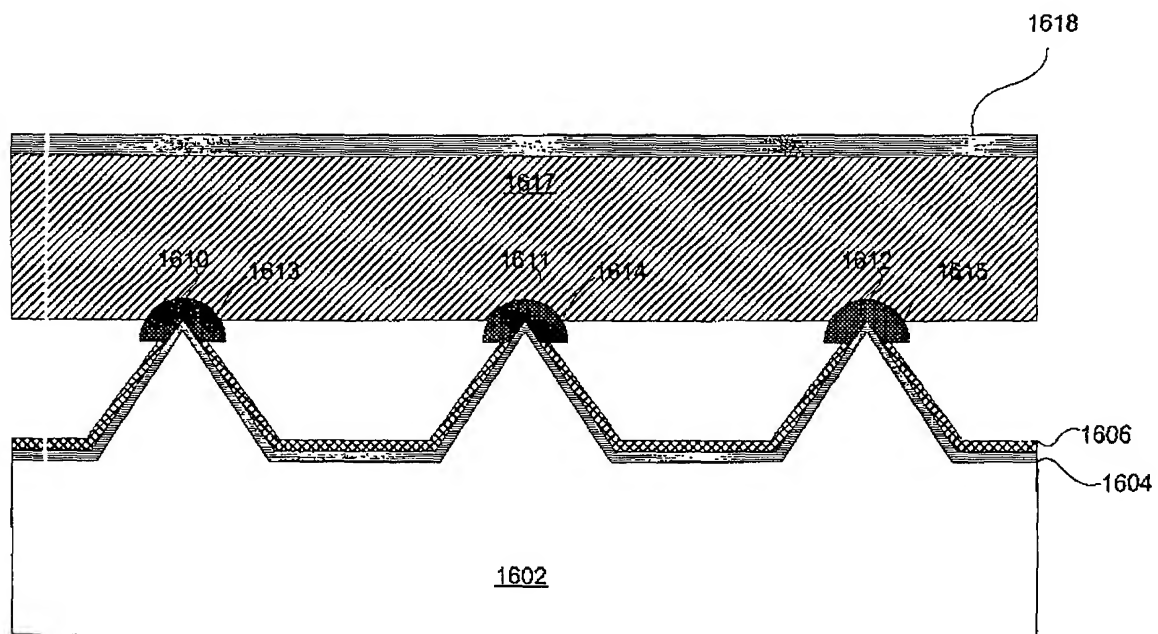


Figure 16J